



# ENERGY ASSURANCE DAILY

Monday Evening, August 16, 2010

## *Electricity*

---

### **Update: TVA's Browns Ferry Nuclear Power Units 1 and 2 in Alabama Reduced to 50 Percent by August 14**

Unit 1 has a capacity of 1,155 MW and Unit 2 has a capacity of 1,118 MW. On the morning of August 13 the units were operating at 65 percent of capacity. The units were reduced to 50 percent by August 14 to comply with the state's high water temperature mandates. The two units fell to 44 percent on August 15 before rising to 45 percent by August 16.

Reuters, 09:43 August 16, 2010

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Update: TVA's 1,118 MW Browns Ferry Nuclear Unit 3 in Alabama Restarts, Ramps Up to 44 Percent by August 15**

The unit was shut on August 12 to fix a small packing leak on a head vent valve within the containment. The unit restarted and ramped up to 44 percent of capacity by August 15. As of early August 16 the Unit was holding at 45 percent of capacity.

Reuters, 09:43 August 16, 2010

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **TVA's 1,125 MW Watts Bar Nuclear Unit 1 in Tennessee Ramps Up to 15 Percent by August 16**

The unit was shut by August 15 for turbine maintenance.

Reuters, 10:56 August 16, 2010

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Exelon's 1,161 MW Braidwood Nuclear Unit 1 in Illinois Shut by August 16**

The Nuclear Regulatory Commission reported that on the morning of August 15 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Update: Exelon's 1,111 MW La Salle Nuclear Unit 2 in Illinois Ramps Up to 97 Percent by August 16**

The Nuclear Regulatory Commission reported that on the morning of August 13 the unit was operating at 83 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Dominion's 1,130 MW Millstone Nuclear Unit 3 in Connecticut Shut by August 15**

The Nuclear Regulatory Commission reported that on the morning of August 14 the unit was operating at 25 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **TXU's 793 MW Martin Lake Coal-Fired Unit 3 in Texas Shut by August 13**

The unit was shut to repair a boiler tube leak.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=143438>

### **AES's 495 MW Alamos Gas-Fired Unit 6 in California Shut by August 15**

According to the California Independent System Operator, the unit reported an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201008151515.html>

### **Update: Luminant's 765 MW Monticello Coal-Fired Unit 3 in Texas Scheduled to Return to Service August 16**

The unit was shut for boiler tube repairs on August 13.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=143500>

## ***Petroleum***

---

### **Update: Enbridge Reduces Capacity on 490,000 b/d Crude Oil Line 5 from Wisconsin to Ontario, Files Revised Restart Plan for 190,000 b/d Line 6B**

Enbridge said August 13 that it has cut rates on Line 5 to carry out additional safety checks and implemented "minor pressure restrictions to be prudent" on other lines but doesn't expect any of its customers to be impacted. The company declined to say how much Line 5's capacity has been reduced and to which other pipelines the pressure restrictions have been applied. Line 5, which is the main alternative to the ruptured Line 6B, carries light oil, synthetic crude oil produced from Canada's oil sands, and natural gas liquids from Superior Wisconsin to Sarnia, Ontario. Meanwhile, Enbridge filed a revised plan with federal regulators on August 13 to restart its 190,000 b/d, 30-inch, Line Indiana-to-Ontario Line 6B, which has been shut since the line spilled an estimated 19,500 barrels of oil on July 26 into a creek near the company's Marshall, Michigan pump station. The U.S. Department of Transportation's (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA) rejected the company's initial restart plan on August 10.

<http://www.bloomberg.com/news/2010-08-13/enbridge-reduces-operating-capacity-of-crude-oil-line-5-to-sarnia-ontario.html>

<http://www.battlecreekenquirer.com/article/20100815/OILSPILL/8150325>

Reuters, 18:24 August 13, 2010

### **Ultracracker Experiences Upset at BP's 455,790 b/d Texas City, Texas Refinery August 14**

The upset led to a flaring event that lasted about nine hours.

<http://online.wsj.com/article/BT-CO-20100812-719741.html>

### **Delek Conducts Unexpected Maintenance on FCCU at Tyler, Texas Refinery August 14**

The maintenance caused the unit to flare.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=143547>

### **Update: Lyondell's 268,000 b/d Houston, Texas Refinery Averaged 189,000 b/d in Q2 2010**

The refinery has been running at reduced rates since a mid-May fire shut a crude distillation unit.

Reuters, 11:46 August 16, 2010

### **Update: Valero's 245,000 b/d Texas City, Texas Refinery Returns to Planned Rates by August 16**

The unit had experienced a small, brief fire at a gasoil hydrotreater on August 13.

DJN, 10:25 August 16, 2010

### **Update: FCCU Restarts at Flint Hills's 228,468 b/d Corpus Christi, Texas Refinery August 16**

The unit was shut for "urgent maintenance" on heat exchangers on August 12.

DJN, 09:11 August 16, 2010

## Natural Gas

---

### Thunderstorm Cuts Power, Briefly Shuts 16 MMcf/d Welch CO2 Gas Processing Plant in Texas August 16

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=143563>

## Other News

---

Nothing to Report.

## Energy Prices

---

U.S. Oil and Gas Prices August 16, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	75.13	81.45	67.76
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.35	4.67	3.34

Source: Reuters

## Energy Notes

---

### High Winds Knock Out Power to 22,000 Westar Customers in Kansas August 13

<http://www.kmbc.com/r/24627697/detail.html>

<http://www.kansascity.com/2010/08/13/2148561/storms-damage-trees-roof-at-kansas.html>

### Hot-Air Balloon Accident Knocks Out Power to 20,000 Customers in Quebec, Canada August 15

<http://www.montrealgazette.com/life/balloon+knocked+power+Quebec+homes/3401833/story.html#ixzz0wmN8WBoU>

### Fire Reported at Underground Electrical Transformer in Washington D.C. August 14, Cause Remains Unknown

<http://www.9and10news.com/Category/Story/?id=246822&cID=3>

### Police Investigating Suspected Pipe Bomb Explosion at Lake Saint Louis Substation in Missouri August 12

[http://www.stltoday.com/news/local/stcharles/article\\_53a4211f-e254-5268-9ebc-8fcd59201e85.html](http://www.stltoday.com/news/local/stcharles/article_53a4211f-e254-5268-9ebc-8fcd59201e85.html)

### Update: Maryland PSC Approves BG&E's Plans to Implement Smart Grids throughout Service Territory in Central Maryland

<http://finance.yahoo.com/news/Baltimore-Gas-and-Electric-bw-765063771.html?x=0&v=1>

<http://www.istockanalyst.com/article/viewiStockNews/articleid/4411507>

### Kern Oil Reports 100 Barrels Crude Oil Leak from Crude Booster Pump in California August 15

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/8c30445cdc27eb088257780005283ad?OpenDocument>

**Flaring Reported at ConocoPhillips's 306,000 Wood River, Illinois Refinery August 14**  
Reuters, 10:09 August 16, 2010

**Tube Rupture in Coker Furnace Causes Flaring at Houston Refining's 270,600 b/d Houston, Texas Refinery August 15**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=143549>

**AGI Compressor Shut at Waha Gas Plant in Texas August 13**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=143537>

**Mechanical Problem Briefly Shuts Two Compressors at Riley Booster Station in Texas August 13**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=143535>

**Crude Exports from Basra Terminal in Iraq at 720,000 b/d August 16 due to Maintenance, Down from 1.728 MMb/d on August 15**

Reuters, 05:22 August 16, 2010

**Shell Reports Increased Sabotage Incidents on its Crude Pipeline in Nigeria in Recent Weeks**

Reuters, 13:51 August 15, 2010

## **Links**

---

***This Week in Petroleum*** from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

## **ENERGY ASSURANCE DAILY**

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)